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What is claimed is:

1. An air traffic information display system comprising:

a data manager including a first interface and a plurality of second interfaces;

a first database server connected to the data manager via the first interface;

5 and

a plurality of clients capable of coupling to the data manager via the plurality of second interfaces;

the data manager including a subscription list for the plurality of clients for providing data updates in accordance thereto.

10 2. A system as claimed in claim 1 wherein the data manager is a primary data manager and further including an alternate data manager capable of coupling to the primary data manager via one of the plurality of second interfaces.

3. A system as claimed in claim 1 wherein one of the plurality of clients is an external input/output server.

15 4. A system as claimed in claim 1 wherein at least one of the plurality of clients is a workstation having a display screen.

5. A system as claimed in claim 1 wherein the plurality of second interfaces each include a server data manager.

20 6. A system as claimed in claim 1 wherein the plurality of clients each include a client data manager.

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7. A system as claimed in claim 1 wherein the data manager includes a flight data entry object list.
8. A system as claimed in claim 1 wherein the data manager includes a socket connection list.
- 5 9. A system as claimed in claim 1 wherein the data manager includes a system list.
- 10 10. A system as claimed in claim 1 wherein the first database server includes first tables for current data and second tables for logging changes to current data.
11. A system as claimed in claim 10 wherein the first tables include a flight data table.
12. A system as claimed in claim 10 wherein the first tables include an airport system table.
13. A system as claimed in claim 10 wherein the first tables include a system table.
- 15 14. A system as claimed in claim 10 wherein the second tables include a flight data table.
15. A system as claimed in claim 10 wherein the second tables include an airport system table.
- 20 16. A system as claimed in claim 10 wherein the second tables include a system table.

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17. A system as claimed in claim 1 wherein the first interface is ODBC.

18. A system as claimed in claim 1 further comprising a gateway database server.

19. A system as claimed in claim 18 wherein the gateway database server includes third tables for receiving updates from the second tables.

5 20. A system as claimed in claim 19 wherein the gateway database server includes fourth tables for logging copies of the third tables.

21. A system as claimed in claim 18 wherein the gateway database server includes fifth tables for storing movements.

10 22. A system as claimed in claim 21 wherein the gateway database server includes a module for calculating movements in dependence upon changes in the third tables.

23. A method of displaying air traffic information comprising the steps of:

maintaining a list of subscribers for data updates;

receiving a data update request;

changing the data in accordance with the request;

15 storing the changed data; and

providing the changed data in accordance with the list of subscribers.

24. A method as claimed in claim 23 wherein the step of maintaining a list of subscribers includes storing criteria for each subscriber in the list.

20 25. A method as claimed in claim 24 wherein the step of providing the changed data includes providing only the data determined by the criteria.

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26. A method as claimed in claim 23 wherein the step of storing includes storing the changed data in first tables.

27. A method as claimed in claim 23 wherein the step of storing includes storing a log of data change transactions in second tables.

5 28. A method as claimed in claim 26 wherein the first tables include a flight data table.

29. A method as claimed in claim 26 wherein the first tables include an airport system table.

10 30. A method as claimed in claim 26 wherein the first tables include a system table.

31. A method as claimed in claim 27 wherein the second tables include a flight data table.

32. A method as claimed in claim 27 wherein the second tables include an airport system table.

15 33. A method as claimed in claim 27 wherein the second tables include a system table.

34. A method as claimed in claim 27 wherein the step of storing includes storing updates from the second tables in third tables.

20 35. A method as claimed in claim 34 wherein the step of storing includes logging copies of the third tables in fourth tables.

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36. A method as claimed in claim 34 wherein the step of storing includes calculating movements in dependence upon changes in the third tables.

37. A method as claimed in claim 36 wherein the step of storing includes storing movements in fifth tables.